

#4

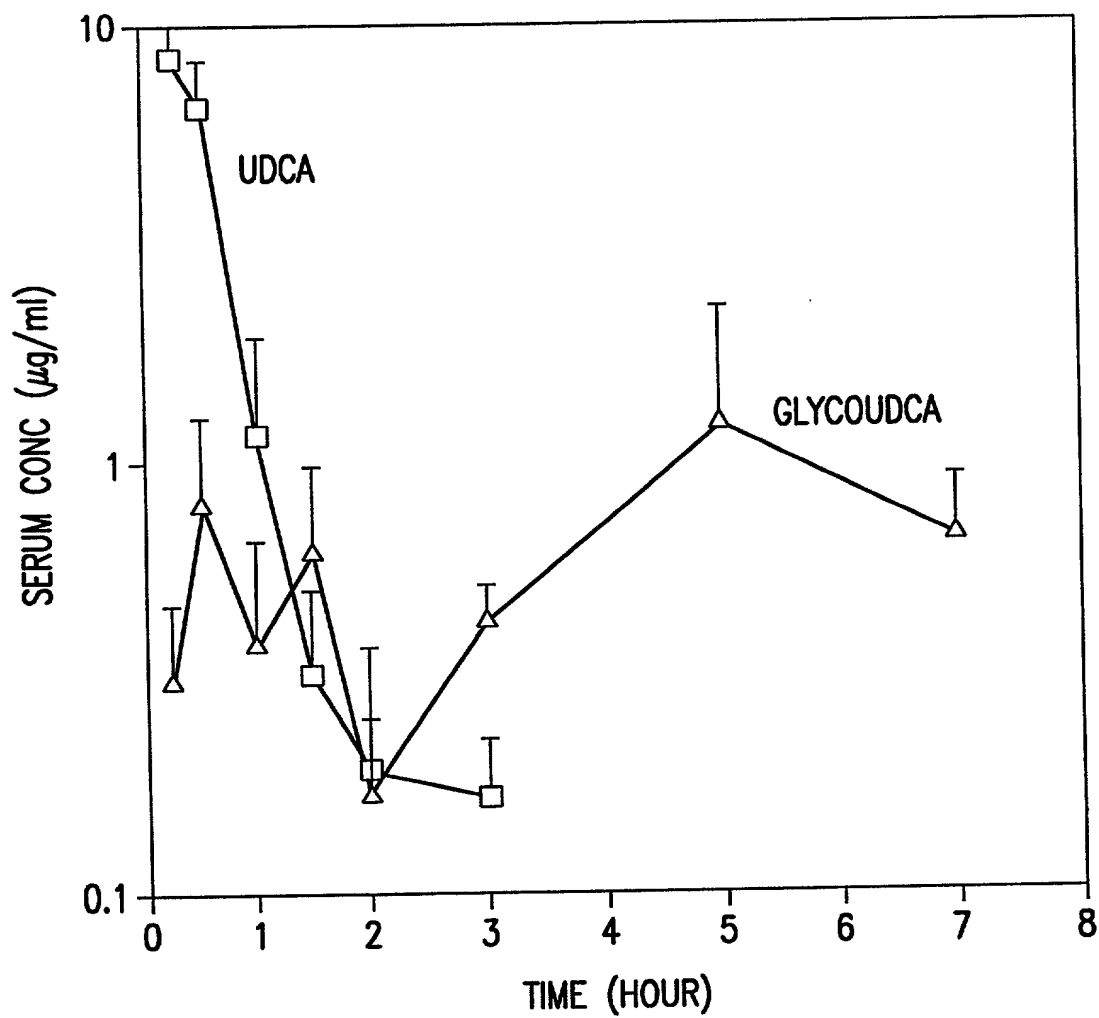


FIG.1

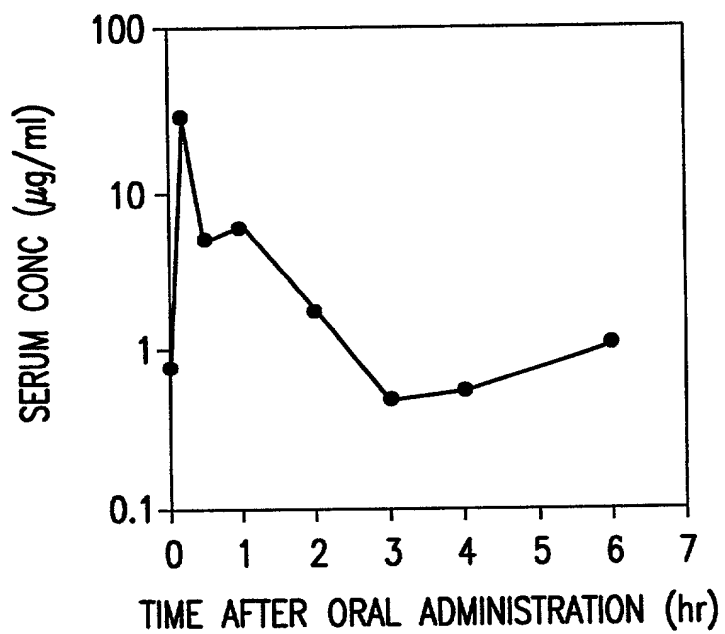
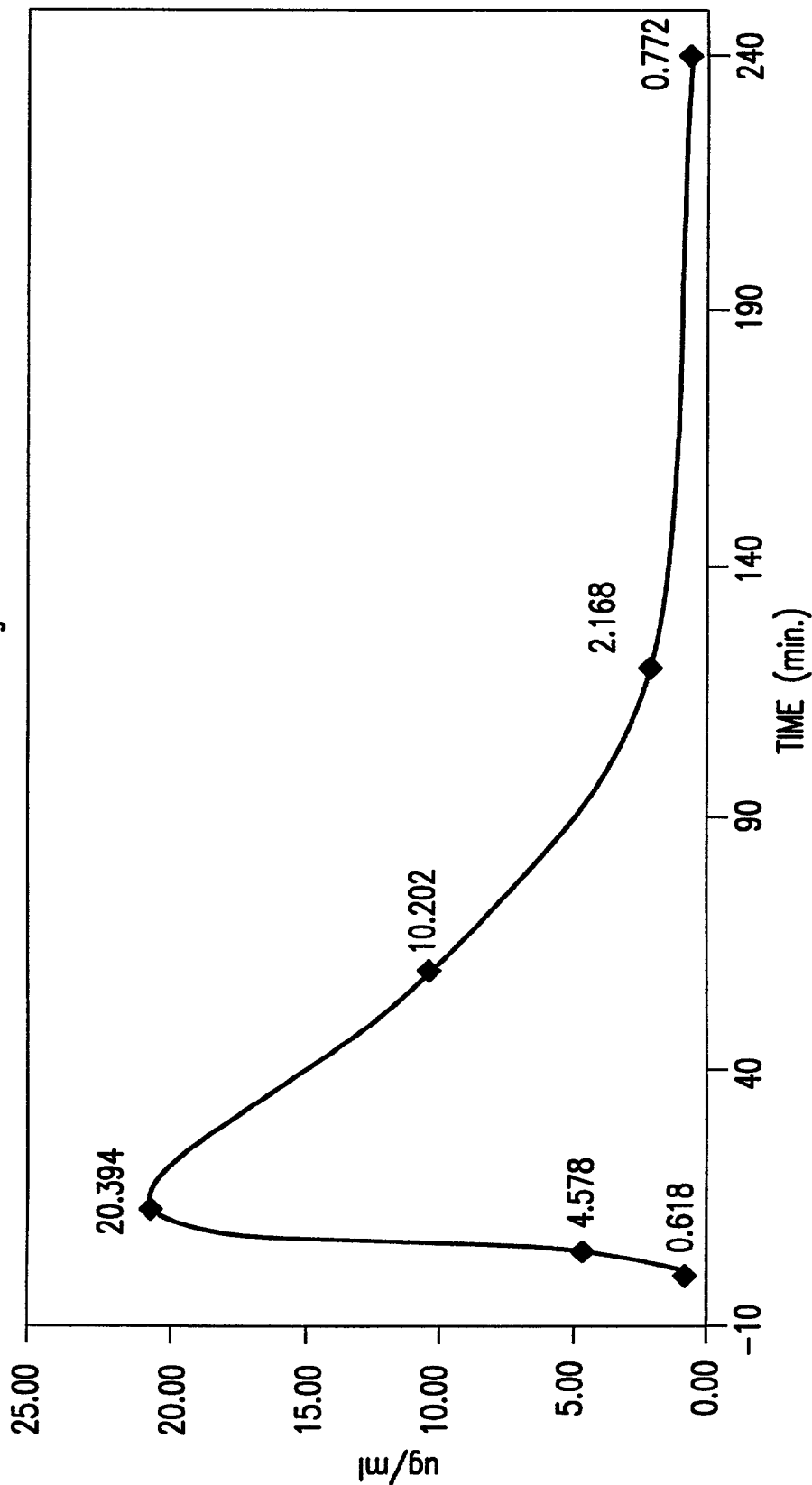


FIG.2

PHARMACOKINETIC PARAMETERS OF UDCA IN HUMAN  
 AFTER AN ORAL ADMINISTRATION OF LIQUID FORMULATION OF UDCA  
 DIAGRAM OF THE MEAN (n=5) FOR GROUP I  
 GROUP I : DOSE 600mg AS SOLUTION

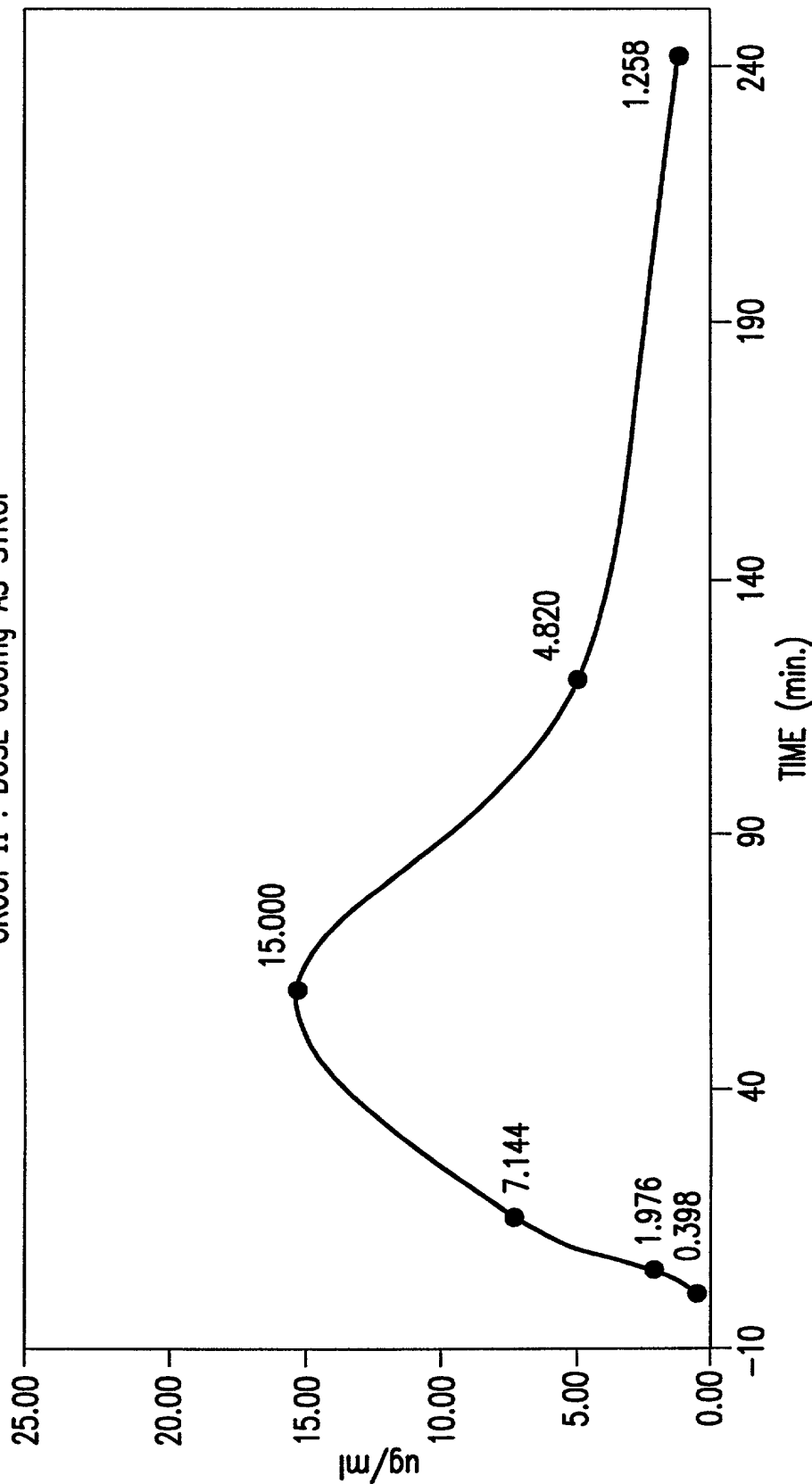


\* EACH BILE ACID WAS DETECTED WITH STANDARD PROCEDURE BY LC-1500 SERIES HPLC  
 SYSTEM OF JASCO EQUIPED WITH 3 α-HSD(3 α-HYDROXYSTEROIDE DEHYDROGENASE) COLUMN

FIG.3

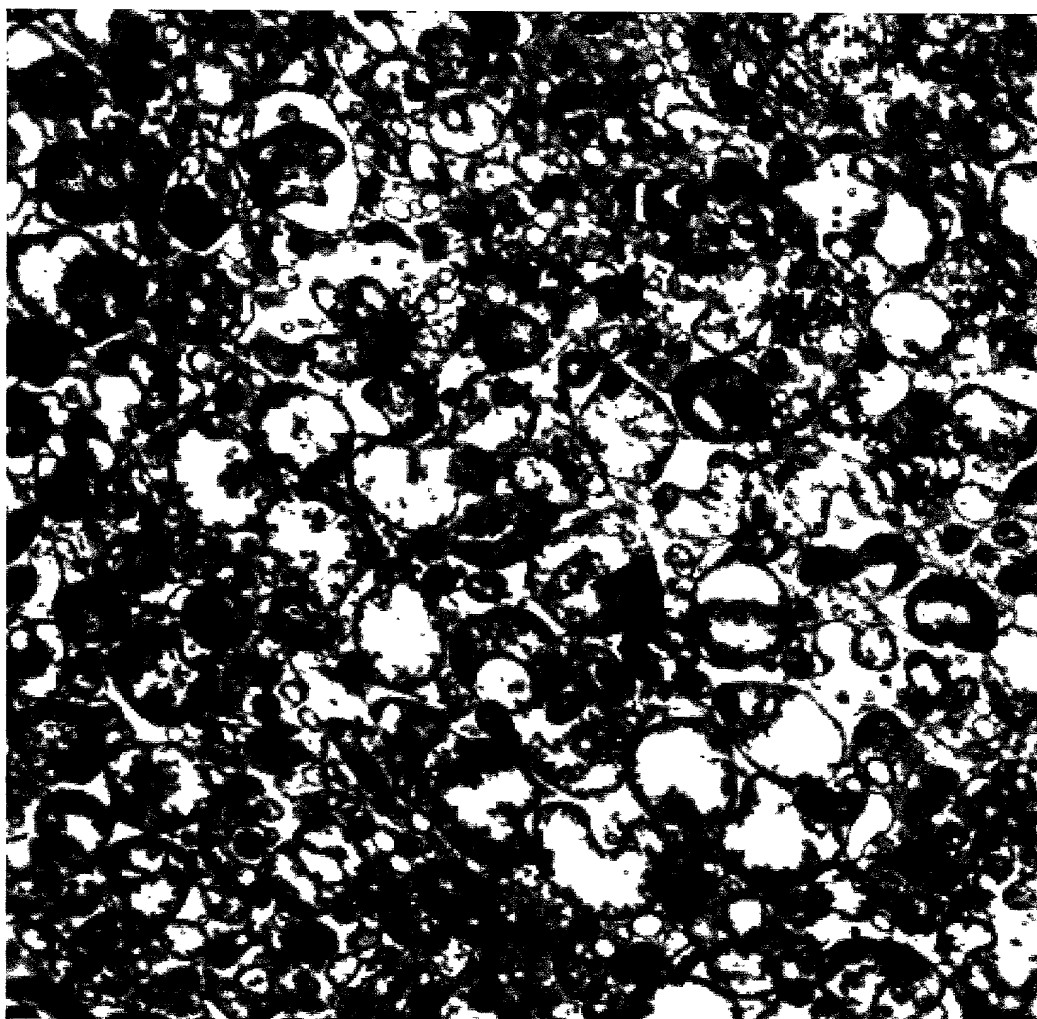
FOOTER 4578260

PHARMACOKINETIC PARAMETERS OF UDCA IN HUMAN  
 AFTER AN ORAL ADMINISTRATION OF LIQUID FORMULATION OF UDCA  
 DIAGRAM OF THE MEAN ( $n=5$ ) FOR GROUP II  
 GROUP II : DOSE 600mg AS SYRUP



\* EACH BILE ACID WAS DETECTED WITH STANDARD PROCEDURE BY LC-1500 SERIES HPLC  
 SYSTEM OF JASCO EQUIPED WITH 3  $\alpha$ -HSD(3  $\alpha$ -HYDROXYSTEROIDE DEHYDROGENASE) COLUMN

FIG.4



H. pylori cultured from Columbia medium pictured by  
Transmission Electron Microscope

**FIG.5A**

09/778,154-094004



48hrs, after H. pylori treated with UDCA & bismuth citrate  
pictured by Transmission Electron Microscope

**FIG.5B**

[illegible][illegible]

TOP 50" 45T2/60

NMR DATA FOR UDCA IN THE LIQUID FORMULATION DOSAGE FORM:  
 THIS DATA SHOWS THAT THIS UDCA IS ABSOLUTELY FREE UDCA

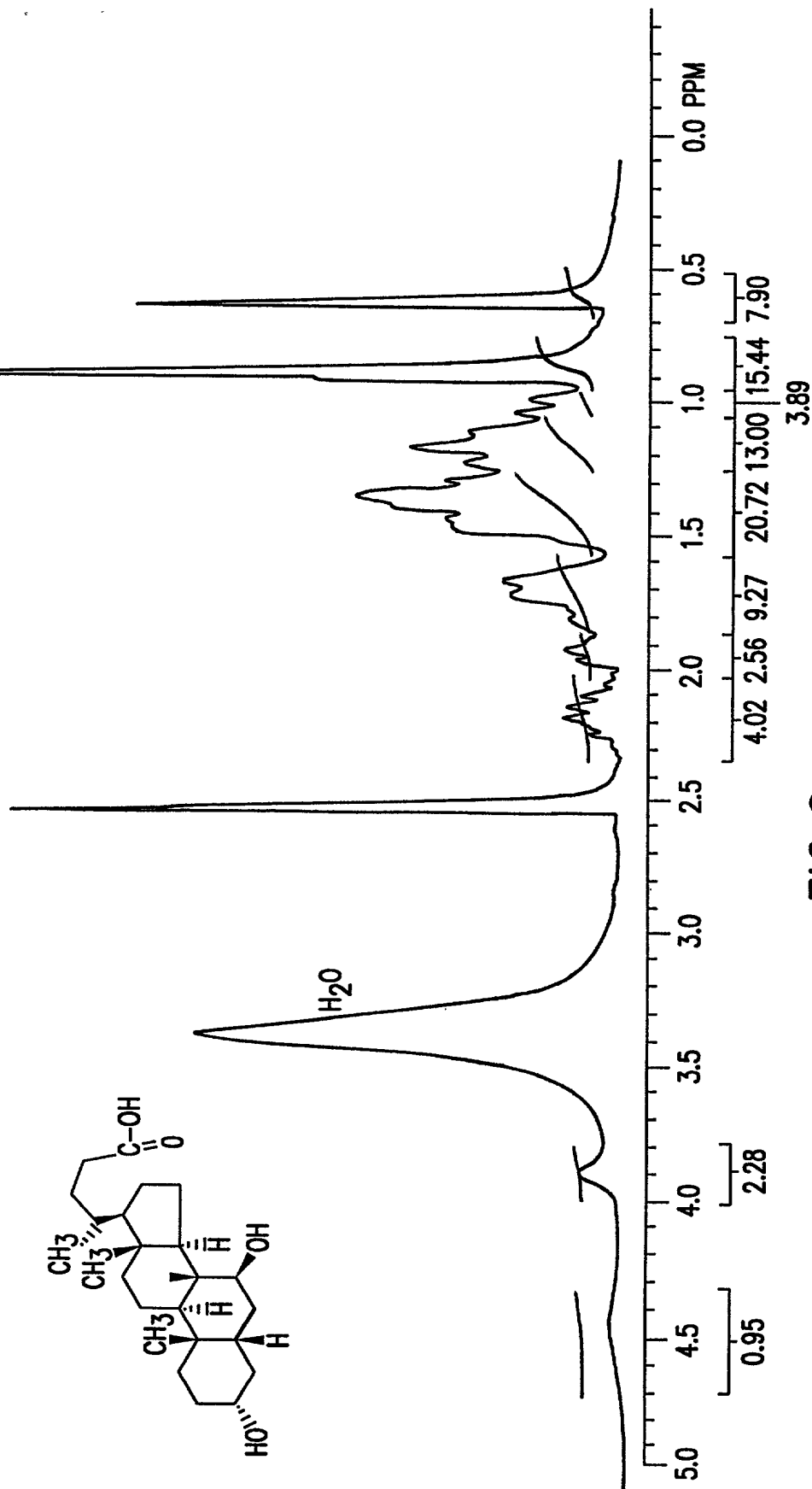


FIG.6



HPLC FOR UDCA IN THE LIQUID FORMULATION DOSAGE FORM

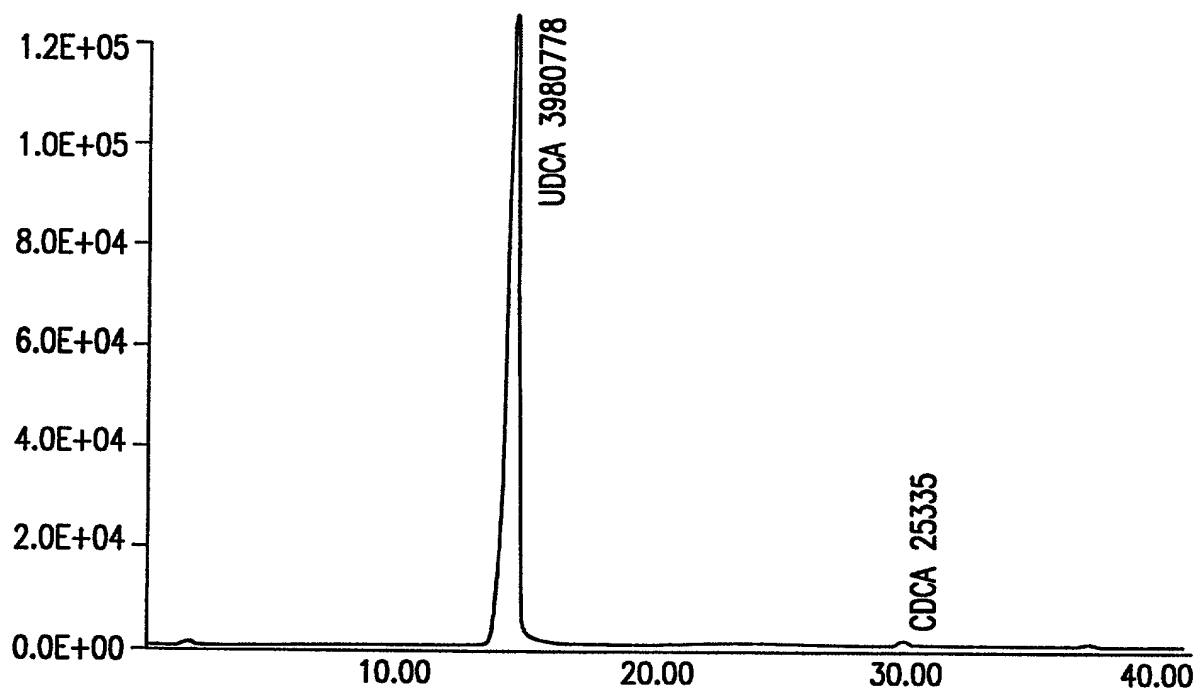


FIG.7

HPLC FOR STANDARD UDCA

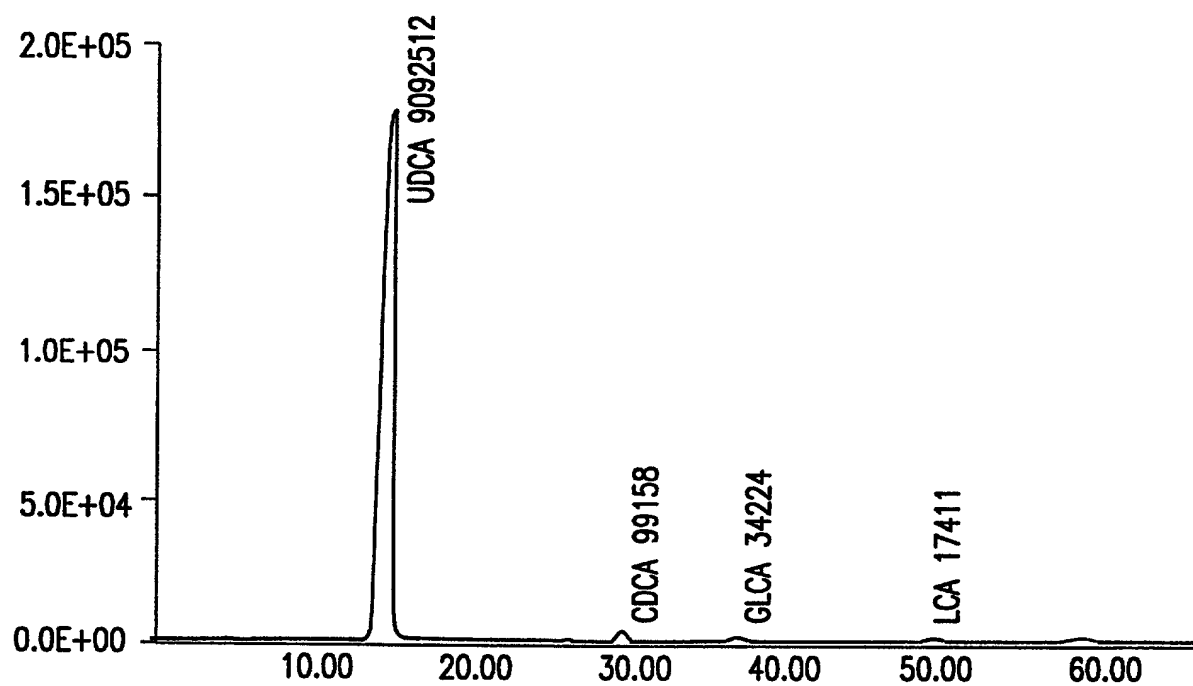
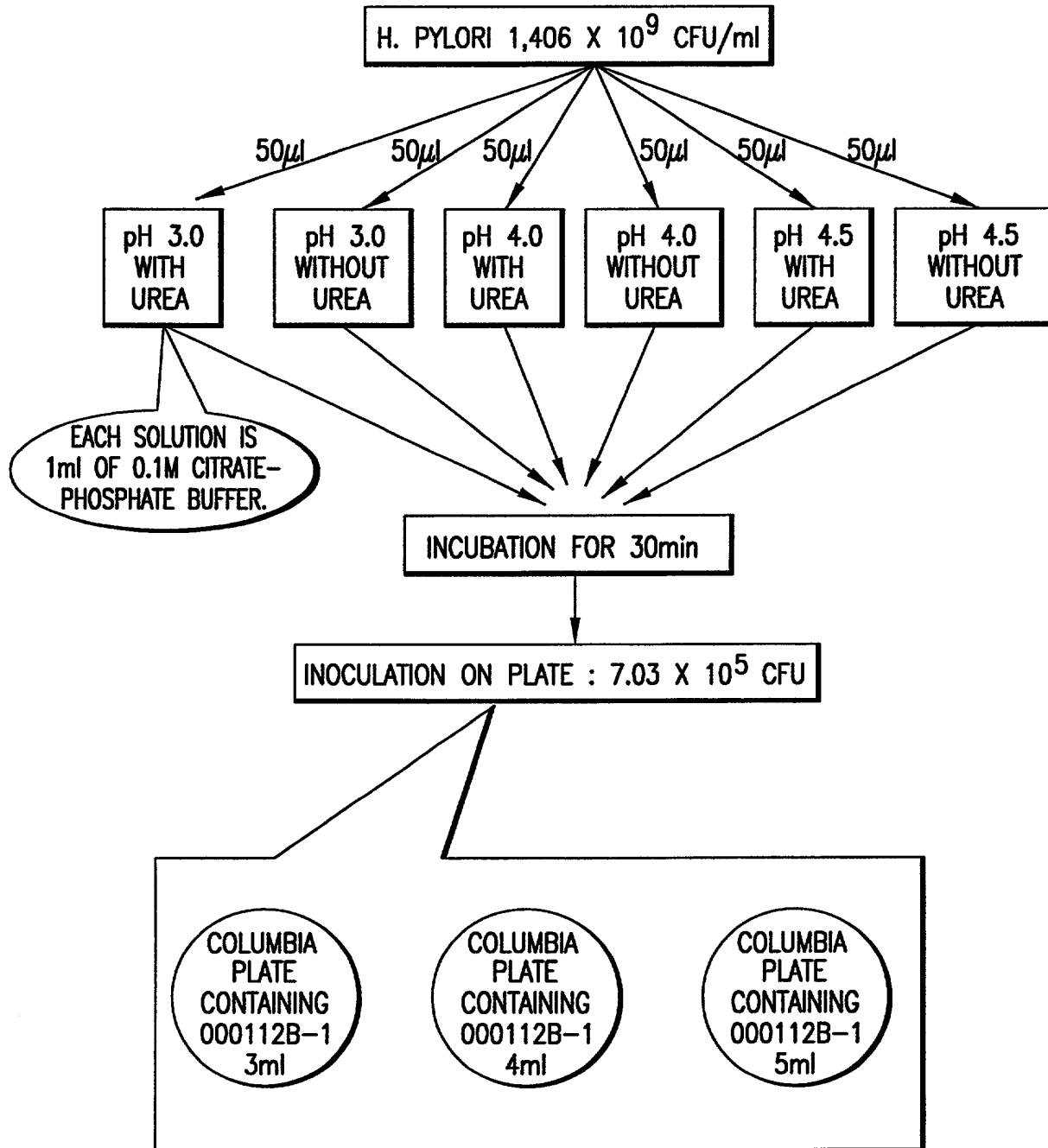


FIG.8

# ABSTRACT DIAGRAM FOR THE CULTURE METHOD

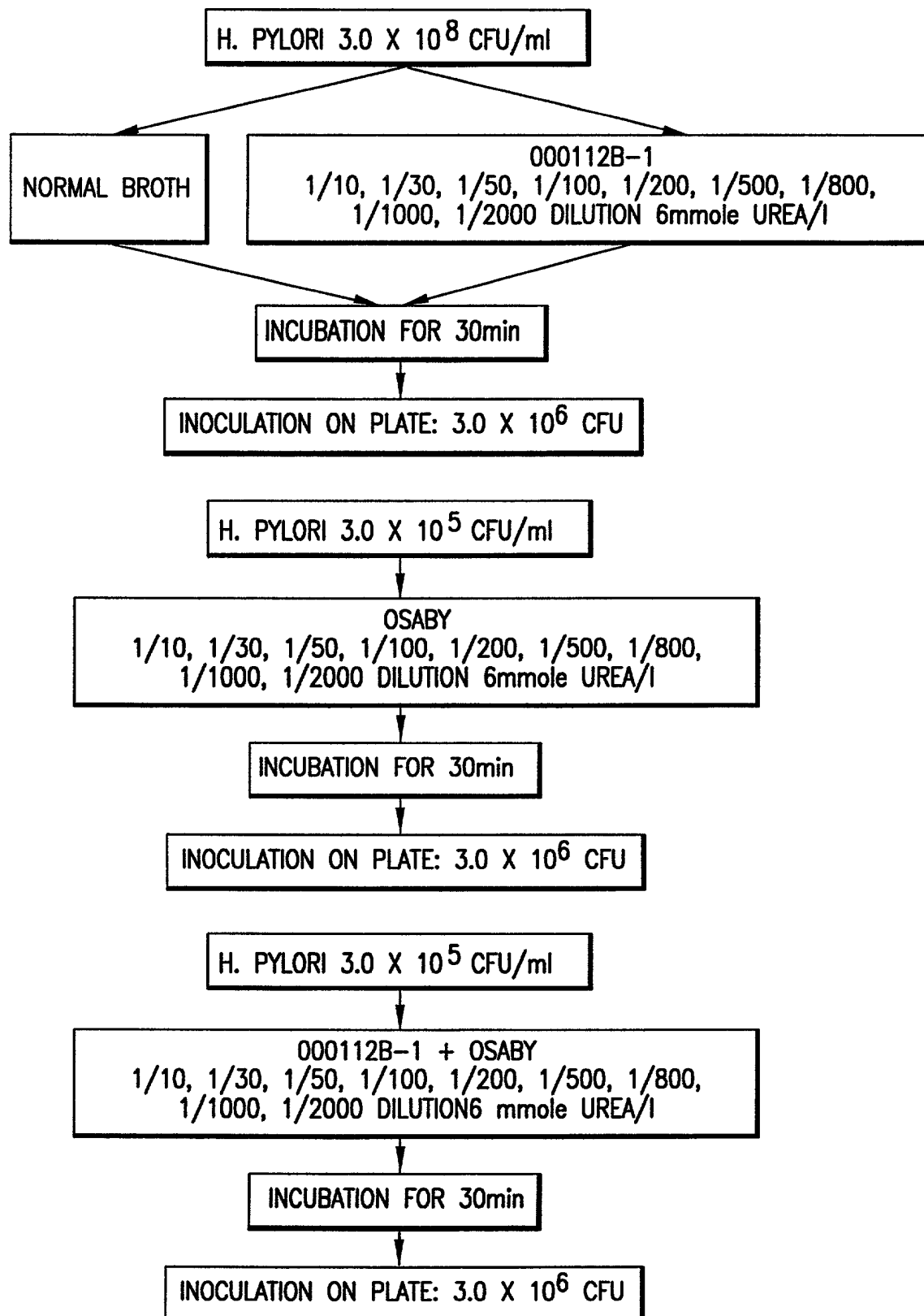
## (i) METHOD WITH THE VARIOUS pH VALUES.



PLATES WERE INCUBATED MICROAEROPHILICALLY AT  $37^\circ\text{C}$  FOR 72 HOURS.

FIG.9

(ii) METHOD WITH THE VARIOUS CONCENTRATIONS.



PLATES WERE INCUBATED MICROAEROPHILICALLY AT 37°C FOR 72 HOURS.

FIG.10

(iii) METHOD WITH THE VARIOUS CONCENTRATIONS + VARIOUS INCUBATION TIME.

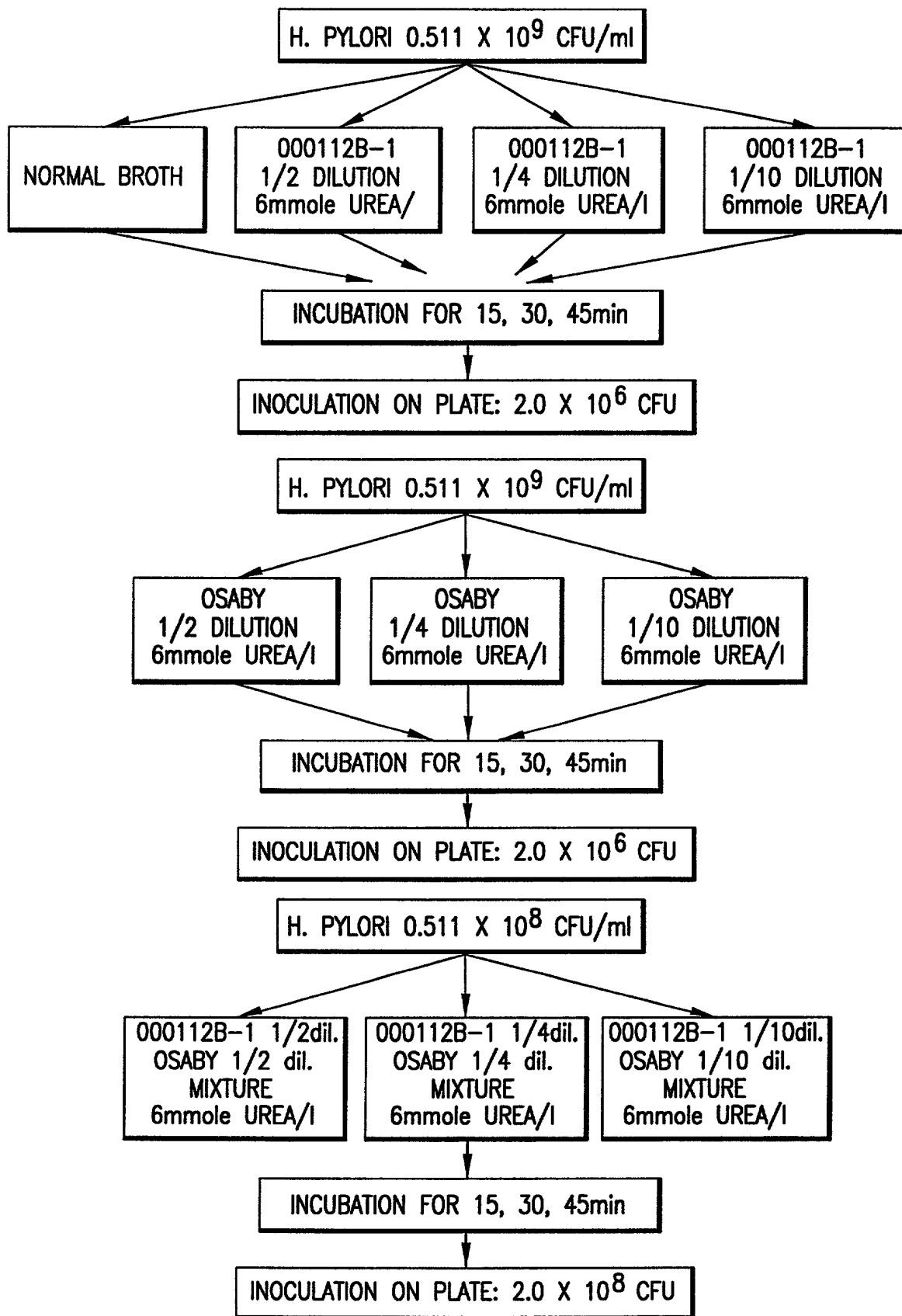


FIG.11 PLATES WERE INCUBATED MICROAEROPHILICALLY AT 37°C FOR 72 HOURS.

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